

Title (en)  
SYNTHETIC RESIN CONTAINER

Title (de)  
KUNSTHARZBEHÄLTER

Title (fr)  
CONTENANT DE RÉSINE SYNTHÉTIQUE

Publication  
**EP 2261126 A1 20101215 (EN)**

Application  
**EP 09724748 A 20090319**

Priority  

- JP 2009055387 W 20090319
- JP 2008078897 A 20080325
- JP 2008088398 A 20080328
- JP 2008099106 A 20080407

Abstract (en)  
A synthetic resin container, in which the bottom part 4 having a bottom plate part 41 which is present at the center of the bottom part and a peripheral part 42 which is positioned at the periphery of the bottom plate part 41, in the peripheral part 42, a grounding part 422 having an inside slope 422a which rises outwardly of the container with the outer peripheral edge of the bottom plate part 41 being the start point and an outside slope 422b which continues to the side surface of the bottom part 4 is formed, and when a load is applied in the axial direction in the state where the container stands upright on the grounding surface G, the shape of the bottom part 4 changes reversibly such that the bottom plate part 41 is depressed inwardly to the container. As a result, it is possible to avoid deformation of a container into an unintended shape by buckling or the like even if a load is applied to a container in the axial direction, and to ensure the rigidity of a container against a load in the axial direction.

IPC 8 full level  
**B65D 1/02** (2006.01)

CPC (source: EP US)  
**B65D 1/0284** (2013.01 - EP US); **B65D 1/44** (2013.01 - US); **B65D 79/0081** (2020.05 - EP US)

Cited by  
EP3453632A1; WO2014170115A1; WO2018203146A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2261126 A1 20101215; EP 2261126 A4 20110316; EP 2261126 B1 20121226**; CN 101977819 A 20110216; CN 101977819 B 20120711; JP 2009255926 A 20091105; JP 5024168 B2 20120912; US 2011011873 A1 20110120; US 2014034600 A1 20140206; US 9139328 B2 20150922; WO 2009119424 A1 20091001

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**EP 09724748 A 20090319**; CN 200980110174 A 20090319; JP 2008099106 A 20080407; JP 2009055387 W 20090319; US 201314051988 A 20131011; US 73624309 A 20090319